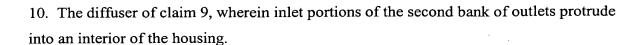
## What Is Claimed Is:

- 1. A diffuser for an air mass flow controller for fuel cells, the diffuser comprising: a housing having walls defining a volume; an inlet disposed along a first axis, the inlet coupled to a first one of the walls; a first bank of outlets disposed along a second axis, the first bank of outlets coupled to a second one of the walls and being in fluid communication with the inlet; and
- a second bank of outlets disposed along a third axis, the second bank of outlets coupled to the second wall and being in fluid communication with the inlet and the first bank of outlets.
- 2. The diffuser of claim 1, wherein the inlet comprises a cylindrical tube.
- 3. The diffuser of claim 1, wherein the volume defined by the housing is rectangular.
- 4. The diffuser of claim 1, wherein the first wall is disposed opposite the second wall.
- 5. The diffuser of claim 1, wherein the first bank of outlets is offset from the second bank of outlets.
- 6. The diffuser of claim 1, wherein the first bank of outlets comprises cylindrical tubes.
- 7. The diffuser of claim 6, wherein inlet portions of the first bank of outlets protrude into an interior of the housing.
- 8. The diffuser of claim 7, wherein ends of the inlet portions of the first bank of outlets include radii.
- 9. The diffuser of claim 1, wherein the second bank of outlets comprises cylindrical tubes.



- 11. The diffuser of claim 10, wherein ends of the inlet portions of the second bank of outlets include radii.
- 12. A method of providing laminar and equally distributed airflow through a diffuser having walls defining a volume, an inlet coupled to a first one of the walls and being disposed along a first axis, first and second banks of outlets coupled to a second one of the walls, the first bank of outlets disposed along a second axis and being in fluid communication with the inlet, the second bank of outlets disposed along a third axis and being in fluid communication with the inlet and the first bank of outlets, the method comprising:

flowing air through the inlet; flowing air through an interior of the housing; and directing air through the first and second banks of passages.

- 13. The method of claim 12, wherein the inlet comprises a cylindrical tube.
- 14. The method of claim 12, wherein the volume defined by the housing is rectangular.
- 15. The method of claim 12, wherein the first wall is positioned opposite the second wall.
- 16. The method of claim 12, wherein the first bank of outlets is offset from the second bank of outlets.
- 17. The method of claim 12, wherein the first bank of outlets comprises cylindrical tubes.



- 18. The method of claim 17, wherein inlet portions of the first bank of outlets protrude into an interior of the housing.
- 19. The method of claim 18, wherein ends of the inlet portions of the first bank of outlets include radii.
- 20. The method of claim 12, wherein the second bank of outlets comprises cylindrical tubes.
- 21. The method of claim 20, wherein inlet portions of the second bank of outlets protrude into the interior of the housing.
- 22. The method of claim 21, wherein ends of the inlet portions of the second bank of outlets include radii.